NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 132 9 Ed 2000 LAST NM 26/02

Page 32—Line 30/L; read:

Carmel and is marked by a lighted buoy. The wreck is identified as R. SMG. SCIRE, an Italian submarine sunk during World War II, and is designated a war memorial containing the interred remains of Italian sailors. Underwater activity should be avoided in the vicinity of this wreck.

(NTM 045/2002) 2/03

PUB 191 9 Ed 2000 LAST NM 50/02

Page 74—Line 49/R; read:

may best be seen on the chart.

Diving without prior permission is prohibited within an area, with a radius of 0.5 mile, centered on a wreck, with a depth of 31m, lying about 4.9 miles NNE of the W end of Digue Centrale, the N breakwater.

(Fr NM 37/01) 2/03

Page 101—Lines 17 to 57/R; read:

Many wrecks sunk during the two World Wars lie in the Dover Strait, the S part of the North Sea, and in the Thames Estuary. Although the least depths over most wrecks critical to navigation have been established by wire sweeping, new wrecks, formerly unknown, have been found during recent surveys. Consequently, it must be assumed that other unknown wrecks also lie within the traffic lanes.

In addition, wrecks previously covered by sandbanks may be uncovered. Strong tidal currents may also cause deep scouring into which wrecks may capsize. Generally, this results in an increase of depth over the wreck. However, a decrease in the depth over the wreck can result from the same cause.

Numerous submarine cables cross the Dover Strait and may best be seen on the charts.

The shipping lanes in the Dover Strait and the S part of the North Sea are among the busiest in the world and pose serious problems for the safety of navigation. The existence of the TSS schemes within these waters does not imply that the traffic lanes have been adequately surveyed and the existence of sandwave areas, where depths may be less than charted, should be taken into account by deep-draft vessels.

Within the Dover Strait and adjacent waters, one of the greatest risks to navigation is that of collision, especially in poor visibility. In addition to vessels transiting the TSS traffic lanes and inshore traffic zones, there are concentrations of fishing boats and recreational craft during the summer months, and regular cross-channel ferry traffic including ro-ro vessels, jet foils, hovercraft, and high-speed catamarans.

Cross-channel ferries and other vessels in the inshore traffic zones may alter course near the limits of the traffic lanes in order to cross the latter at right angles.

The main ferry ports of the United Kingdom are Folkestone (51°05'N., 1°12'E.), Dover (51°07'N., 1°20'E.),

and Ramsgate (51°20'N., 1°25'E.). Ferries from these ports run mainly to Calais (50°58'N., 1°51'E.), Dunkerque (51°03'N., 2°21'E.), and Oostende (51°14'N., 2°55'E.). Most of the cross traffic is therefore concentrated in the area between Sandettie and The Ridge, 20 miles SW.

Cross-channel traffic also runs from ports in the Thames Estuary and Harwich (51°57'N., 1°18'E.) to Zeebrugge (51°20'N., 3°12'E.) and Vlissingen (51°27'N., 3°35'E.). This cross traffic tends to concentrate in the vicinity of the F3 Lightvessel (51°24'N., 2°01'E.) and the area between the N end of Sandettie and the Fairy W lighted buoy, 6 miles NNE.

It has been reported that rogue vessels traversing the TSS may be encountered, especially in the area between the MPC lighted buoy (51°06'N., 1°38'E.) and the F2 lighted buoy (51°21'N., 1°56'E.). Such vessels often proceed in a direction which is nearly opposite to that of the TSS traffic lane. Frequently this leads to nearly head-on situations in the area to the NW of Sandettie where the possibility for deep-draft vessels to alter course to starboard is limited.

All vessels should be aware that deep-draft vessels may not be able to alter course in critical areas without the danger of running aground. A good lookout should be kept for vessels constrained by their draft and showing the appropriate signals.

Vessels coming from the English Channel and bound for the Thames Estuary and the E coast of England usually cross the SW-bound traffic lane in the stretch between the S end of South Falls and the Varne Lightvessel.

Due to the set caused by cross currents, vessels frequently drift down onto buoys. Subsequently, considerable damage is often done by vessels to the South Falls lighted buoy (51°14'N., 1°44'E.), the CS4 lighted buoy (51°09'N., 1°34'E.), and the CS3 lighted buoy (50°52'N., 1°03'E.).

Vessels using the Deep Draft Route leading NW of Sandettie should take into account the close proximity of vessels using the SW-bound traffic lane. Such vessels are recommended to avoid overtaking in the vicinity of Sandettie.

Vessels are advised to navigate with extreme caution in the area between Sandettie and the Fairy W lighted buoy as the Deep Draft Route and the main traffic lane rejoin here.

Vessels should be aware that their speed may need to be reduced in certain areas in order to reduce the effect of squat. In addition, rolling and pitching should also be taken into account.

Squat (shallow water effect) may decrease the forward draft on vessels of 200,000 to 400,000 dwt, as follows:

- 1. At a speed of 5 knots:
 - a. Keel clearance 2m—Increase of 0.20m.
 - b. Keel clearance 6m—Increase of 0.17m.
 - E. Keel clearance 10m—Increase of 0.15m.
- 2. At a speed of 9 knots:
 - a. Keel clearance 2m—Increase of 0.66m.
 - b. Keel clearance 6m—Increase of 0.56m.
 - c. Keel clearance 10m—Increase of 0.49m.
- 3. At a speed of 14 knots:
 - . Keel clearance 2m—Increase of 1.74m.
 - b. Keel clearance 6m—Increase of 1.45m.

PUB 191 (Continued)

c. Keel clearance 10m—Increase of 1.25m.

Rolling may increase a vessel's draft, as follows:

- 1. With a beam of 45m:
 - a. Rolling 3°—Increase of 1.2m.
 - b. Rolling 6°—Increase of 2.4m.
 - Rolling 10°—Increase of 3.9m. c.
- 2. With a beam of 60m:
 - a. Rolling 3°—Increase of 1.6m.
 - Rolling 6°—Increase of 3.1m.
 - Rolling 10°—Increase of 5.2m.
- 3. With a beam of 75m:
 - Rolling 3°—Increase of 2.0m.
 - b. Rolling 6°—Increase of 3.9m.
 - Rolling 10°—Increase of 6.5m.

Pitching may increase a vessel's draft, as follows:

- 1. With a length of 260m:
 - a. Pitching 0.5°—Increase of 1.1m.
 - b. Pitching 1.0°—Increase of 2.3m.
- c. Pitching 1.5°—Increase of 3.4m.
- 2. With a length of 350m:

 - a. Pitching 0.5°—Increase of 1.5m.
 b. Pitching 1.0°—Increase of 3.1m.
 - c. Pitching 1.5°—Increase of 4.6m.
- 3. With a length of 450m:
 - a. Pitching 0.5°—Increase of 2.0m.
 - b. Pitching 1.0°—Increase of 3.9m.
 - c. Pitching 1.5°—Increase of 5.9m.

(BA NP 28; Neth HP 8)

2/03

PUB 192 7 Ed 2000 **LAST NM 52/02**

Page 29—Lines 16 to 26/L; read:

Pilotage.—Pilotage in the approaches to Hartlepool is provided by the Tees and Hartlepool Pilotage Service (Tees Bay Pilots); see paragraph 2.14.

(BA NP 286) 2/03

Page 30—Lines 33 to 48/R; read:

Pilotage.—Pilotage is provided by the Tees and Hartlepool Pilotage Service (Tees Bay Pilots) within the following two compulsory areas:

- 1. The Tees approach channel and river inward of Tees North Lighted Buoy (54°40.4'N 1°07.2'W.).
- 2. The Hartlepool approach channel and dock inward of No. 1 Lighted Buoy (54°41.3'N 1°10.7'W.).

Pilotage is compulsory within the two areas for vessels, as follows:

- 1. Vessels over 95m in length.
- 2. Vessels with a summer dwt over 4,000 tons.
- 3. Vessels with a grt over 4,000 tons.
- 4. Vessels over 20m in length carrying a dangerous substance, oil, or a marine pollutant in bulk.
- 5. Vessels over 20m in length carrying explosives (class 1.1) in excess of 1,000 kg.
 - 6. Vessels requiring the services of a tug.
- 7. Vessels over 80m in length in the navigable area of the Tees between No. 23 Lighted Buoy (54°35.6'N.,

1°10.9'W.) and the inner limit of the port authority jurisdiction.

Vessels moving along a quay without letting go from that quay are exempt from pilotage.

Pilots may be contacted by VHF and generally board in the following positions:

- 1. Tees and Hartlepool North—54° 42.80'N, 1° 05.05'W
- 2. Tees and Hartlepool South—54 °40.94'N, 1° 04.60'W (BA NP 286)

7 Ed 2002 **PUB 195 LAST NM 1/03**

Page 17—Line 23/R; read:

activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

Page 61—Line 10/R; read:

bed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

Page 83—Line 41/R; read:

carrying out any seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

Page 97—Line 45/R; read:

when anchoring or carrying out any seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

Page 109—Line 4/R; read:

seabed activities.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local

PUB 195 (Continued)

authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA) 2/03

Page 121—Lines 39 to 46/R; read:

Caution.—The area has not been thoroughly surveyed. Off-lying dangers may exist to seaward of those charted. Most of the coast is fringed by close-lying islands, islets, rocks, and shoals. The recommended routes leading to the ports and loading places are described and should be strictly followed. Vessels without local knowledge should proceed with caution when approaching this coast.

Due to various circumstances, including the discovery of obstructions, depths within the channels leading through the offshore dangers along this stretch of coast may change frequently. Therefore, vessels are advised to contact the local authorities in order to ascertain the latest information, including the maximum authorized drafts.

(NIMA) 2/03

COAST PILOT CORRECTIONS

COAST PILOT 5 30 Ed 2003 NEW EDITION (NOS) 2/03

WORLD PORT INDEX CORRECTIONS

PUB 150 17 Ed 2000 LAST NM 49/02

EVEN PAGE CORRECTIONS

| INDEX NUMBER | PORT | COUNTRY CODE | | LONGITUDE | PUBLICATION | CHART | HARBOR SIZE | HARBOR TYPE | SHELTER | ТІРЕ | SWELL ENTRANCE | ICE RESTRICTIONS | OVERHEAD LIMITS | CHANNEL | ANCHORAGE | CARGO PIER OIL TERMINAL | TIDE | MAX SIZE VESSEL | GOOD HOLDING GROUND TURNING AREA | |
|-----------------|------------------|----------------|--------|-----------|-------------|-------|-------------|-------------|---------|------|----------------|------------------|-----------------|---------|-----------|----------------------------|------|-----------------|-------------------------------------|------|
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| 24130 | RAA | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 24365 | STILLERYDSHAMNEN | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 24368 | KOLOHAMNEN | Remove fi | om lis | t. | | | | | | | | | | | | | | | | |
| 24440 | RONNEBY | * SW 561 | N | 01518E | 194 | 44100 | s | RN | G | N | N | ΝY | <i>'</i> | М | М | N | | М | Υ | 2/03 |
| , | * | | | | * | | | | | | | | | | | | | | | 2/03 |
| 25100 | SKEPPSGARDEN | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 25110 | VALDEMARSVIK | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 25120 | GRYT | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 25140 | GROPVIKEN | Remove fi | om lis | rt. | | | | | | | | | | | | | | | | |
| 25180 | ARKOSUND | * Remove fi | om lis | :t | | | | | | | | | | | | | | | | 2/03 |
| | | * | | | | | | | | | | | | | | | | | | 2/03 |
| 25220 | MARMORBRUKET | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 25400 | HOGMARSO | Remove fi | om lis | t. | | | | | | | | | | | | | | | | 2/03 |
| 25410 | FURUSUND | Remove fi | om lis | it. | | | | | | | | | | | | | | | | 2/03 |
| | | | | | | | | | | | | | | | | | | | | 2/03 |

PUB 150 (Continued)

| 28530 HELTERMAA | Remove from list. | 2/03 | | | | | | | | |
|-------------------------------|---|------|--|--|--|--|--|--|--|--|
| 28540 KURESSAARE | Remove from list. | | | | | | | | | |
| 28750 PUCK | Remove from list. | | | | | | | | | |
| 28835 LAUTERBACH | Remove from list. * 2 | | | | | | | | | |
| 28850 WARNEMUNDE | Remove from list. | 2/03 | | | | | | | | |
| 28900 NEUSTADT HAFN * | GM 5406N 01049E 194 44075 V CN G N N Y Y N N N M Y | 2/03 | | | | | | | | |
| 28930 KIELER HAFN | GM 5422N 01010E 194 44066 M CN G N N Y Y Y J J K K M Y | 2/03 | | | | | | | | |
| 28960 SCHLESWIG | Remove from list. | 2/03 | | | | | | | | |
| 29130 CHRISTIANSO HARBOR | DA 5519N 01511E 194 44120 V CB G N Y Y Y M O M | 2/03 | | | | | | | | |
| 29170 PRAESTO | Remove from list. | 2/03 | | | | | | | | |
| 29180 FAKSE LADEPLADS HAVN | DA 5513N 01210E 194 44068 V CB F N N N Y O N O M | 2/03 | | | | | | | | |
| 29250 KASTRUP SCANPORT HAVN * | DA 5538N 01239E 194 44049 V CB G N N N Y N K N M | 2/03 | | | | | | | | |
| 29260 TUBORG * | DA 5543N 01235E 194 44050 V CB G N N N N M N M | 2/03 | | | | | | | | |
| 29545 STIGNAESVAERKET HAVN * | DA 5512N 01115E 194 44064 V CN F N N Y Y D F L Y Y | 2/03 | | | | | | | | |
| 29560 VORDINGBORG SYDHAVN * | DA 5500N 01154E 194 44064 S CN F N N N Y P M M | 2/03 | | | | | | | | |
| 29620 GULDBORG | Remove from list. | 2/03 | | | | | | | | |
| 29640 GEDSER | Remove from list. | 2/03 | | | | | | | | |
| 29910 MIDDELFART * | DA 5530N 00944E 194 44062 S CB G N N Y Y N E M 01 M Y Y | 2/03 | | | | | | | | |
| 30028 EGERNSUND HAVN * | DA 5455N 00936E 194 44057 V CN G N N Y Y L L O 04 M | 2/03 | | | | | | | | |
| 30030 RENDBJERG | Remove from list. | 2/03 | | | | | | | | |
| 38330 GIBRALTAR | GI 3608N 00521W 131 52045 M CB P N N N Y N H H K L 02 L Y | 2/03 | | | | | | | | |
| 38360 MARBELLA | Remove from list. | 2/03 | | | | | | | | |
| 38400 AGUA AMARGA | Remove from list. | 2/03 | | | | | | | | |
| 38432 SAN PEDRO DEL PINATAR | Remove from list. | 2/03 | | | | | | | | |

PUB 150 (Continued)

| 38530 SALOU | Remove from list. | 2/03 |
|-----------------------------------|--|------|
| 38740 AGDE | Remove from list. * | 2/03 |
| 38760 LE GRAU DU ROI | Remove from list. * | 2/03 |
| 38770 PORT SAINT LOUIS DU RHONE * | FR 4323N 00449E 131 53063 S CT F N N N Y N M M | 2/03 |
| 38910 ANSE DES CANEBIERS | Remove from list. | 2/03 |
| | | |
| 38920 SAINT-TROPEZ * | FR 4316N 00638E 131 53089 V CB F Y N H N Y | 2/03 |
| 38930 STE MAXIME | Remove from list. | 2/03 |
| 38940 SAINT-RAPHAEL * | FR 4325N 00646E 131 53091 V CB F Y J P Y | 2/03 |
| 38950 AGAY | Remove from list. | 2/03 |
| 38970 GOLFE JUAN | Remove from list. | 2/03 |
| 39050 MACINAGGIO | Remove from list. | 2/03 |
| 39150 PALAU | Remove from list. | 2/03 |
| 39265 BOSA | Remove from list. | 2/03 |
| 39350 BORDIGHERA | Remove from list. | 2/03 |
| 39390 ALASSIO | Remove from list. | 2/03 |
| 39510 LE GRAZIE | Remove from list. | 2/03 |
| 39530 LERICI | Remove from list. | 2/03 |
| 39540 SENO DI CADIMARE | Remove from list. | 2/03 |
| 39570 FORTE DEI MARMI | Remove from list. | 2/03 |
| 39630 CAVO | Remove from list. | 2/03 |
| 39640 CAPO PERO | Remove from list. | 2/03 |
| 39680 PORTO AZZURRO | Remove from list. | 2/03 |
| 39710 MARINA DI CAMPO | Remove from list. | 2/03 |
| 39750 FOLLONICA | Remove from list. | 2/03 |
| | | |

PUB 150 (Continued)

| 39850 TERRACINA | Remove from list. | 2/03 |
|-------------------------------|---|------|
| 39870 FORMIA | Remove from list. | 2/03 |
| 39890 FORIO | Remove from list. | 2/03 |
| 39910 PROCIDA | Remove from list. | 2/03 |
| 39970 PORTICI | Remove from list. | 2/03 |
| 40010 SORRENTO | Remove from list. | 2/03 |
| 40045 AGROPOLI | Remove from list. | 2/03 |
| 40050 SAPRI | Remove from list. | 2/03 |
| 40140 CASTELLAMMARE DEL GOLFO | Remove from list. | 2/03 |
| 40330 VALLETTA HARBORS * | MT 3554N 01431E 131 53206 M CN E N N N Y G N K K 01 L Y Y | 2/03 |
| 40450 SAN ANGELO DI ROSSANO * | IT 3937N 01638E 131 54060 V OR N A | 2/03 |
| 40460 TREBISACCE MARINA * | IT 3952N 01632E 131 54060 V OR N J | 2/03 |
| 40560 BISCEGLIE | Remove from list. | 2/03 |
| 40570 TRANI | Remove from list. | 2/03 |
| 40770 PORTO FALCONERA | Remove from list. | 2/03 |
| 40835 AQUILINIA | Remove from list. | 2/03 |
| 40875 PORTOROZ | Remove from list. | 2/03 |
| 40925 FUNTANA | Remove from list. | 2/03 |
| 40930 VRSAR | Remove from list. | 2/03 |
| 40960 LUKA PULA * | HR 4453N 01348E 131 54160 S CN G Y J M M 02 | 2/03 |
| 45370 HOUMT SOUK * | TS 3353N 01051E 131 52164 V OR N Y P N | 2/03 |
| 45380 LA SKHIRA * | TS 3417N 01006E 131 52165 V CB F Y N N Y E E G 03 L Y | 2/03 |
| 45420 LA GOULETTE * | TS 3648N 01018E 131 52186 S CB F N N N Y L K L L L Y | 2/03 |
| 45435 TAZERKA OIL TERMINAL * | TS 3636N 01141E 131 52180 M OR P A A L | 2/03 |

| 45450 RAS SIDI ABD ALLAH | Remove from list. * | 2/03 |
|--------------------------|--|------|
| 45635 BETTIOUA * | AG 3548N 00015W 131 52262 S CB F Y A H M Y | 2/03 |
| 45760 ALCAZAR ZEGUER | Remove from list. | 2/03 |